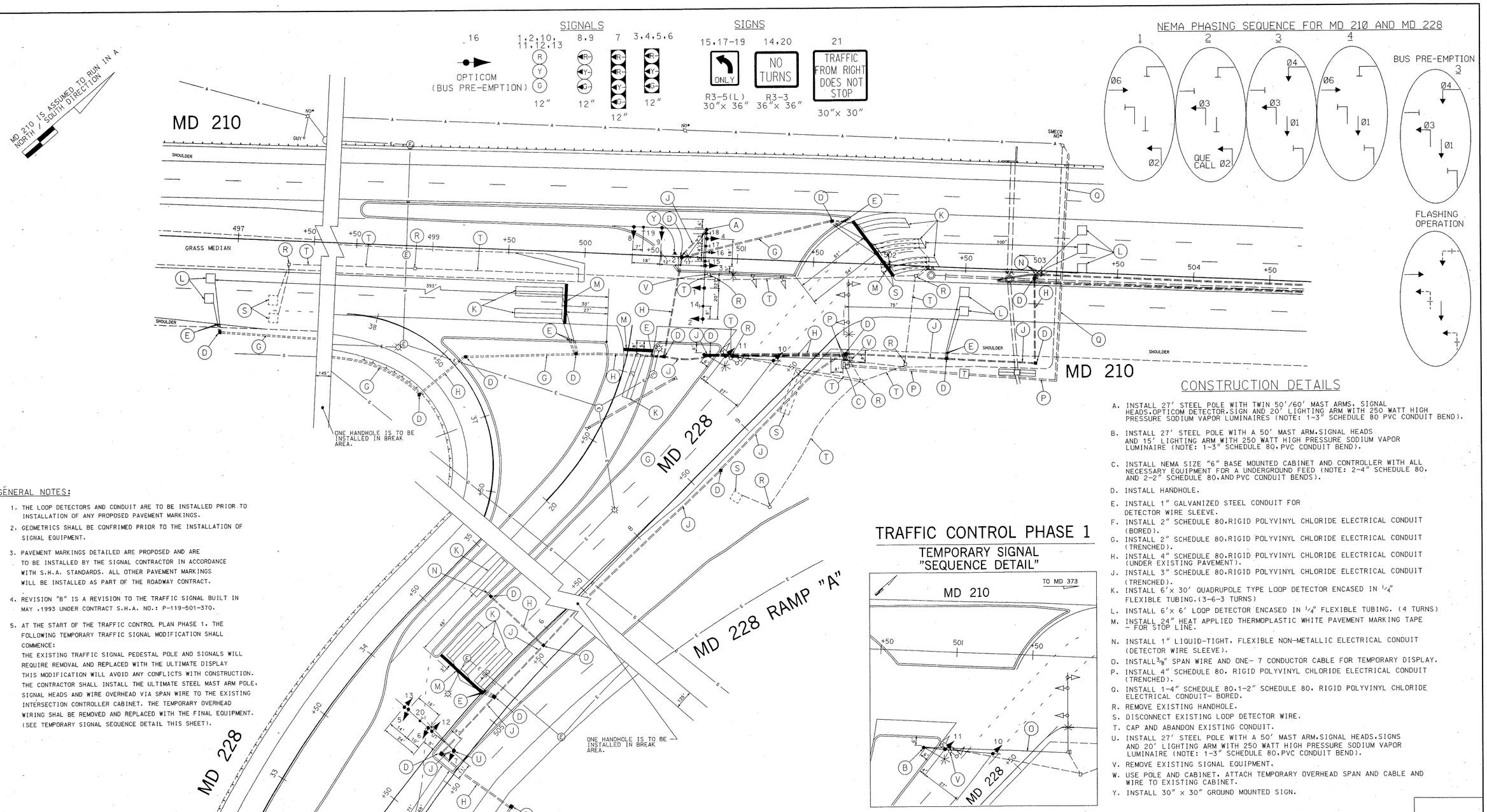

GENERAL NOTES:

1. THE LOOP DETECTORS AND CONDUIT ARE TO BE INSTALLED PRIOR TO INSTALLATION OF ANY PROPOSED PAVEMENT MARKINGS.
2. GEOMETRICS SHALL BE CONFRIMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
3. PAVEMENT MARKINGS DETAILED ARE PROPOSED AND ARE TO BE INSTALLED BY THE SIGNAL CONTRACTOR IN ACCORDANCE WITH S.H.A. STANDARDS. ALL OTHER PAVEMENT MARKINGS WILL BE INSTALLED AS PART OF THE ROADWAY CONTRACT.
4. REVISION "B" IS A REVISION TO THE TRAFFIC SIGNAL BUILT IN MAY ,1993 UNDER CONTRACT S.H.A. NO.: P-119-501-370.
5. AT THE START OF THE TRAFFIC CONTROL PLAN PHASE 1, THE FOLLOWING TEMPORARY TRAFFIC SIGNAL MODIFICATION SHALL COMMENCE:
   THE EXISTING TRAFFIC SIGNAL PEDESTAL POLE AND SIGNALS WILL REQUIRE REMOVAL AND REPLACED WITH THE ULTIMATE DISPLAY THIS MODIFICATION WILL AVOID ANY CONFLICTS WITH CONSTRUCTION. THE CONTRACTOR SHALL INSTALL THE ULTIMATE STEEL MAST ARM POLE, SIGNAL HEADS AND WIRE OVERHEAD VIA SPAN WIRE TO THE EXISTING INTERSECTION CONTROLLER CABINET. THE TEMPORARY OVERHEAD WIRING SHAL BE REMOVED AND REPLACED WITH THE FINAL EQUIPMENT. (SEE TEMPORARY SIGNAL SEQUENCE DETAIL THIS SHEET).

CONSTRUCTION DETAILS

A. INSTALL 27' STEEL POLE WITH TWIN 50'/60' MAST ARMS, SIGNAL HEADS,OPTICOM DETECTOR,SIGN AND 20' LIGHTING ARM WITH 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRES (NOTE: 1-3" SCHEDULE 80 PVC CONDUIT BEND).

B. INSTALL 27' STEEL POLE WITH A 50' MAST ARM,SIGNAL HEADS AND 15' LIGHTING ARM WITH 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE (NOTE: 1-3" SCHEDULE 80,PVC CONDUIT BEND).

C. INSTALL NEMA SIZE "6" BASE MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT FOR A UNDERGROUND FEED (NOTE: 2-4" SCHEDULE 80, AND 2-2" SCHEDULE 80,AND PVC CONDUIT BENDS).

D. INSTALL HANDHOLE.

E. INSTALL 1" GALVANIZED STEEL CONDUIT FOR DETECTOR WIRE SLEEVE.

F. INSTALL 2" SCHEDULE 80,RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).

G. INSTALL 2" SCHEDULE 80,RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).

H. INSTALL 4" SCHEDULE 80,RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (UNDER EXISTING PAVEMENT).

J. INSTALL 3" SCHEDULE 80,RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).

K. INSTALL 6'x 30' QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4" FLEXIBLE TUBING.(3-6-3 TURNS)

L. INSTALL 6'x 6' LOOP DETECTOR ENCASED IN 1/4" FLEXIBLE TUBING. (4 TURNS)

M. INSTALL 24" HEAT APPLIED THERMOPLASTIC WHITE PAVEMENT MARKING TAPE - FOR STOP LINE.

N. INSTALL 1" LIQUID-TIGHT, FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).

O. INSTALL 3/8" SPAN WIRE AND ONE- 7 CONDUCTOR CABLE FOR TEMPORARY DISPLAY.

P. INSTALL 4" SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).

Q. INSTALL 1-4" SCHEDULE 80,1-2" SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT- BORED.

R. REMOVE EXISTING HANDHOLE.

S. DISCONNECT EXISTING LOOP DETECTOR WIRE.

T. CAP AND ABANDON EXISTING CONDUIT.

U. INSTALL 27' STEEL POLE WITH A 50' MAST ARM,SIGNAL HEADS,SIGNS AND 20' LIGHTING ARM WITH 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE (NOTE: 1-3" SCHEDULE 80,PVC CONDUIT BEND).

V. REMOVE EXISTING SIGNAL EQUIPMENT.

W. USE POLE AND CABINET, ATTACH TEMPORARY OVERHEAD SPAN AND CABLE AND WIRE TO EXISTING CABINET.

Y. INSTALL 30" x 30" GROUND MOUNTED SIGN.

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

G — G	GAS MAIN
W — W	WATER MAIN
S — S	SEWER MAIN
E — E	ELECTRIC CABLES
A — A	AERIAL CABLES
T — T	TELEPHONE CABLES

MICHAEL C: 98-23 SP02M02830.DGN

SABRA,WANG & ASSOCIATES, INC.
9881 BROKEN LAND PARKWAY
SUITE 105
COLUMBIA, MD 21046

REVISIONS	APPROVALS
B DEC.16, 1998 RECONSTRUCT DUE TO THE NEW GEOMETRICS S.H.A. NO.: P-119-501-370 M.A.M.	ASST. TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. DISTRICT ENGINEER, TRAFFIC
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNALIZATION PLAN

MD 210 AT MD 228

DRAWN BY:	W.J. NIES	F.A.P. NO.		TS NO. 3334B	SHEET NO.
CHECKED BY:	R. ZACHERL	S.H.A. NO.	P-119-501-370		
SCALE:	1" = 30'	COUNTY:	PRINCE GEORGE'S	T.I.M.S. NO. D-121	62 OF 97
DATE:	MAY 27, 1993	LOG MILE:	16021003.60		